SEQUENCE LISTING

					25,	SOPIM	CL 1.	1011	.10						
<110>	Kroc	zek,	Ric	hard											
<120>	Anti-human T-cell costimulating monoclonal antibodies														0
<130>	7853-215-999														02 APK
<140> <141>	09/509,283 2000-08-11														200
<160>	5														
<170>	PatentIn version 3.0														
<210> <211> <212> <213>	1 2641 DNA 8F4														
<220> <221> CDS <222> 68667															
<400>	1 ccta a	aatto	cacto	at ca	aacti	ttgaa	a cad	ctgaa	acac	gag	gact	att a	aact	atttct	60
ggcaaa	c atg	aag	tca	ggc Gly	ctc	tgg	tat	ttc	ttt	ctc	ttc	tgc	ttg	cgc	109
att aaa Ile Lys 15	a gtt	tta Leu	aca Thr	gga Gly 20	gaa Glu	atc Ile	aat Asn	ggt Gly	tct Ser 25	gcc	aat Asn	tat Tyr	gag Glu	atg Met 30	157
ttt ata	a ttt e Phe	cac His	aac Asn 35	gga	ggt Gly	gta Val	caa Gln	att Ile 40	tta	tgc Cys	aaa Lys	tat Tyr	cct Pro 45	gac	205
att gto	c cag l Gln	caa Gln 50	ttt Phe	aaa Lys	atg Met	cag Gln	ttg Leu 55	ctg Leu	aaa Lys	Gly	ggg	caa Gln 60	ata Ile	ctc Leu	253
tgc gat Cys Ası	t ctc Leu 65	act Thr	aag Lys	aca Thr	aaa Lys	gga Gly 70	agt Ser	gga Gly	aac Asn	aca Thr	gtg Val 75	tcc Ser	att Ile	aag Lys	301
agt cto Ser Let	g aaa u Lys	ttc Phe	tgc Cys	cat His	tct Ser 85	cag Gln	tta Leu	tcc Ser	aac Asn	aac Asn 90	agt Ser	gtc Val	tct Ser	ttt Phe	349
ttt cta Phe Let 95															397
cta tca Leu Sei	a att r Ile	ttt Phe	gat Asp 115	cct Pro	cct Pro	cct Pro	ttt Phe	aaa Lys 120	gta Val	act Thr	ctt Leu	aca Thr	gga Gly 125	gga Gly	445
tat tto Tyr Lei			tat												493
tta cco Leu Pro	c ata o Ile 145	gga	tgt Cys	gca Ala	gcc Ala	ttt Phe 150	gtt	gta Val	gtc Val	tgc Cys	att Ile 155	ttg Leu	gga Gly	tgc Cys	541
ata cti Ile Lei 160	t att ı Ile	tgt Cys	tgg Trp	ctt Leu	aca Thr 165	aaa	aag Lys	aag Lys	tat Tyr	tca Ser 170	tcc	agt Ser	gtg Val	cac His	589
gac cct Asp Pro	t aac	ggt Gly	gaa Glu	tac Tyr 180	atg	ttc Phe	atg Met	aga Arg	gca Ala 185	gtg	aac Asn	aca Thr	gcc Ala	aaa Lys 190	637

F10

aaa tot aga oto aca gat gtg aco ota taa tatggaacto tggcaccoag 687 Lys Ser Arg Leu Thr Asp Val Thr Leu 195 747 gcatgaagca cgttggccag ttttcctcaa cttgaagtgc aagattctct tatttccggg 807 accacggaga gtctgactta actacataca tcttctgctg gtgttttgtt caatctggaa gaatgactgt atcagtcaat ggggatttta acagactgcc ttggtactgc cgagtcctct 867 caaaacaaac accetettge aaccagettt ggagaaagee cageteetgt gtgeteactg 927 qqaqtqqaat ccctqtctcc acatctqctc ctagcagtqc atcagccagt aaaacaaaca 987 1047 catttacaag aaaaatgttt taaagatgcc aggggtactg aatctgcaaa gcaaatgagc 1107 agccaaggac cagcatctgt ccgcatttca ctatcatact acctcttctt tctgtaggga 1167 tgagaattcc tcttttaatc agtcaaggga gatgcttcaa agctggagct attttatttc tgagatgttg atgtgaactg tacattagta catactcagt actctccttc aattgctgaa 1227 1287 ccccagttga ccattttacc aagactttag atgctttctt gtgccctcaa ttttctttt aaaaatactt ctacatgact gcttgacagc ccaacagcca ctctcaatag agagctatgt 1347 cttacattct ttcctctgct gctcaatagt tttatatatc tatgcataca tatatacaca 1407 catatgtata taaaattcat aatgaatata tttgcctata ttctccctac aagaatattt 1467 ttgctccaga aagacatgtt cttttctcaa attcagttaa aatggtttac tttgttcaag 1527 ttagtggtag gaaacattgc ccggaattga aagcaaattt attttattat cctattttct 1587 accattatct atgttttcat ggtgctatta attacaagtt tagttctttt tgtagatcat 1647 attaaaattq caaacaaaat catctttaat qqqccaqcat tctcatqqqq tagaqcaqaa 1707 tattcattta gcctgaaagc tgcagttact ataggttgct gtcagactat acccatggtg 1767 1827 cctctgggct tgacaggtca aaatggtccc catcagcctg gagcagccct ccagacctgg 1887 gtggaattcc agggttgaga gactcccctg agccagaggc cactaggtat tcttgctccc agaggetgaa gteaceetgg gaateaeagt ggtetaeetg eatteataat teeaggatet 1947 qtqaaqaqca catatgtgtc agggcacaat tccctctcat aaaaaccaca cagcctggaa 2007 attggccctg gcccttcaag atagccttct ttagaatatg atttggctag aaagattctt 2067 aaatatgtgg aatatgatta ttcttagctg gaatattttc tctacttcct gtctgcatgc 2127 ccaaggette tgaageagee aatgtegatg caacaacatt tgtaacttta ggtaaactgg 2187 gattatgttg tagtttaaca ttttgtaact gtgtgcttat agtttacaag tgagacccga 2247 tatqtcatta tqcatactta tattatctta agcatgtgta atgctggatg tgtacagtac 2307 aqtactgaac ttqtaatttq aatctagtat ggtgttctgt tttcagctga cttggacaac 2367 2427 2487 gtatggggag gagaacette atggtggeee acetggeetg gttgteeaag etgtgeeteg 2547 acacatcctc atccccagca tgggacacct caagatgaat aataattcac aaaatttctg 2607 tgaaatcaaa tccagtttta agaggagcca cttatcaaag agattttaac agtagtaaga 2641 aggcaaagaa taaacatttg atattcagca actg <210> 199 <211> <212> PRT <213> 8F4 <400> 2 Met Lys Ser Gly Leu Trp Tyr Phe Phe Leu Phe Cys Leu Arg Ile Lys Val Leu Thr Gly Glu Ile Asn Gly Ser Ala Asn Tyr Glu Met Phe Ile Phe His Asn Gly Gly Val Gln Ile Leu Cys Lys Tyr Pro Asp Ile Val Gln Gln Phe Lys Met Gln Leu Leu Lys Gly Gln Ile Leu Cys Asp Leu Thr Lys Thr Lys Gly Ser Gly Asn Thr Val Ser Ile Lys Ser Leu Lys Phe Cys His Ser Gln Leu Ser Asn Asn Ser Val Ser Phe Phe Leu

90

85

```
Tyr Asn Leu Asp His Ser His Ala Asn Tyr Tyr Phe Cys Asn Leu Ser
Ile Phe Asp Pro Pro Pro Phe Lys Val Thr Leu Thr Gly Gly Tyr Leu
                            120
His Ile Tyr Glu Ser Gln Leu Cys Cys Gln Leu Lys Phe Trp Leu Pro
Ile Gly Cys Ala Ala Phe Val Val Cys Ile Leu Gly Cys Ile Leu
Ile Cys Trp Leu Thr Lys Lys Lys Tyr Ser Ser Ser Val His Asp Pro
Asn Gly Glu Tyr Met Phe Met Arg Ala Val Asn Thr Ala Lys Lys Ser
            180
                                185
Arg Leu Thr Asp Val Thr Leu
        195
<210>
       3
<211> 17
<212> DNA
<213> Artificial
<220>
       Description of Artificial Sequence: Degenerate oligonucleotide
<223>
<221>
       misc_feature
       3, 9 , 15
<222>
<223>
       n = a, t, g, or c
<400> 3
                                                                       17
mgnctsacng aygtnac
<210>
<211> 17
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial Sequence: Degenerate oligonucleotide
<221> misc_feature
<222>
      3, 9, 15
\langle 223 \rangle n = a, t, g, or c
<400> 4
                                                                       17
mgnytdacng aygtnac
<210>
<211> 7
<212> PRT
<213> Homo sapiens
<220>
<221>
      SITE
<222>
      1
<223> Xaa = Unknown amino acid
```

<400> 5

Xaa Arg Leu Thr Asp Val Thr 1 5